EPSON®
EXCEED YOUR VISION

VS230 SVGA 3LCD Projector

Essential projector features for the business on a budget.

3x Brighter Colors[1], and reliable performance — 3LCD, 3-chip technology

One measurement of brightness is not enough — look for both high color brightness and high white brightness. The VS230 has:

- Color Brightness: 2800 lumens[2]
- White Brightness: 2800 lumens[2]

HDMI digital connectivity — HD quality video and audio with just one cable

Simple Setup Suite — a host of innovative features that ensure flexible placement, easy connectivity and convenient control in virtually any setting

Impressive image quality — native SVGA (800 x 600) resolution

The best-selling projectors #1 Epson Projectors in the world

VS230 SVGA 3LCD Projector

Essential projector features for the business on a budget.

The VS230 projector offers essential business features at a truly affordable price. With a portable design and fast, easy setup, this versatile performer gets you up and running in no time, whether you're presenting in the conference room or across town. Offering 3x Brighter Colors[1] than competitive models, Epson® 3LCD projectors ensure bright, compelling presentations. The VS230 delivers great image quality, plus 2800 lumens of color brightness and 2800 lumens of white brightness[2]. And, it includes Epson's Simple Setup Suite with HDMI connectivity, easy-slide keystone correction, and more, for a new level of flexibility and convenience. No matter where your meetings take you, you'll be ready with the VS230.

3x Brighter Colors with Epson[1]

Brilliant image quality requires high color brightness (color light output), and Epson 3LCD projectors have 3x Brighter Colors than leading competitive projectors[1].

One brightness measurement (lumens) is not enough. A projector's specification needs to show both high color brightness and high white brightness. If color brightness is lower than white brightness, images may be dark, dull and lose detail. If not provided, be sure to ask for a projector's color brightness specification.

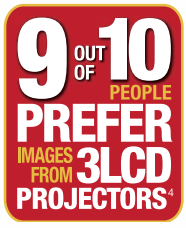
VS230

EPSON
High color brightness and high white brightness
COMPETITOR
Color brightness significantly lower than white brightness

Actual photographs of projected images from an identical signal source. Price, resolution and white brightness are similar for both projectors (Epson 3LCD and 1-chip DLP competitor). Both projectors are set to their brightest mode.

3LCD — The #1 projection technology in the world

- All 3LCD projectors have both high color brightness and high white brightness
- All 3LCD projectors have 3 chips
- 25% lower power consumption for lower energy costs[3]
- 20 years of road-tested reliability



Energy-efficient long-life lamp

- Delivers more lumens per watt and lasts up to 6000 hours[5]
- Epson lamps maximize your presentation time, while minimizing your costs

The best-selling projectors in the world

Epson projectors enhance communication and inspire collaboration, while offering high quality, reliability and a low total cost of ownership.

Simple Setup Suite from Epson

Epson projectors offer a host of innovative features that ensure flexible placement and fast, easy setup.

Easy image adjustments — Position your projector almost anywhere and still get a correctly proportioned image with auto vertical correction and easy-slide horizontal image correction.

USB Plug 'n Play instant setup — Use the included USB cable to instantly project content. View your projected presentation on the screen and your computer simultaneously.

HDMI connectivity — Get both audio and brilliant HD video content with just one cable. Compatible with the latest laptops, Blu-ray® and media players.

Quick, smart controls

- Instant Off® — quickly power down the projector, pack up and go
- Sleep Mode (A/V Mute) — pause your presentation without turning the projector off
- Direct Power Off/On — control your projector with the flip of a switch

The more pixels, the better the detail

Resolution defines the level of detail and depth you'll see in a projected image. It's measured as the number of pixels wide by the number of pixels high.

SVGA (800 x 600)
Meets basic projection needs

XGA (1024 x 768)
Ensures sharper detail

WXGA (1280 x 800)
Offers high definition and is ideal for widescreen (16:10) displays

Additional Features/Benefits

- **PC-free slideshows** — via a USB thumb drive
- **The ultimate in portability** — compact, lightweight design; take it to the next conference room or even to the client's location
- **Filters to protect your investment** — with easy side access for hassle-free maintenance

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- RoHS compliant
- Recyclable product[6]
- Epson America, Inc. is a SmartWay℠ Transport Partner[7]

SmartWay℠ Transport Partner
Getting There With Cleaner Air

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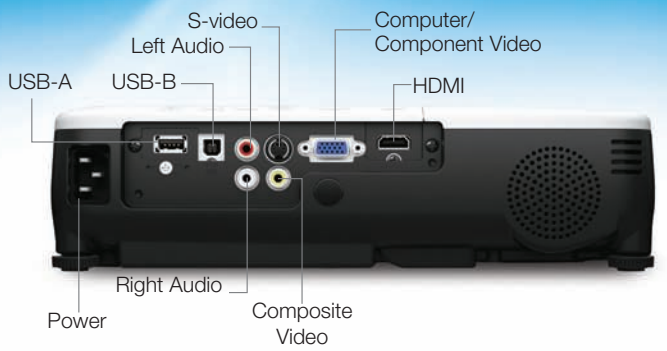

VS230 SVGA 3LCD Projector

Product Name	Product Code	UPC
VS230	V11H552220	0 10343 90940 3
Genuine Epson Lamp	V13H010L78	0 10343 90969 4
Replacement Air Filter	V13H134A32	0 10343 88586 8

Specifications

Projection System
3LCD, 3-chip technology

Projection Method
Front/rear/ceiling mount

Driving Method
Poly-silicon TFT Active Matrix

Pixel Number
480,000 dots (800 x 600) x 3

Color Brightness[2]
Color Light Output: 2800 lumens

White Brightness[2]
White Light Output: 2800 lumens

Aspect Ratio
4:3

Native Resolution
800 x 600 (SVGA)

Resize Support
640 x 480 (VGA), 1024 X 768 (XGA), 1152 x 864 (SXGA),1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+)

Lamp Type
200 W UHE

Lamp Life[5]
Up to 6000 hours (ECO mode)
Up to 5000 hours (Normal mode)

Throw Ratio Range
1.45 – 1.96

Size (projected distance)
30" – 350" (0.76 – 8.89 m)

Keystone Correction
Vertical: Auto ± 30 degrees
Horizontal: Easy-slide

USB Plug 'n Play
PC and Mac® compatible

Contrast Ratio
Up to 10,000:1

Specifications (continued)

Color Reproduction
16.77 million colors

Projection Lens

Type
Manual focus

F-number
1.44

Focal Length
16.77 mm

Zoom Ratio
Zoom 1.0 – 1.35

Other

Display Performance
NTSC: 480 lines
PAL: 560 lines
(Depends on observation of the multi-burst pattern)

Input Signal
NTSC/NTSC4.43/PAL/M-PAL/N-PAL/ PAL60/SECAM

Interfaces
HDMI x 1
Computer/component video: D-sub 15 pin x 1
S-video: Mini DIN x 1
Composite video: RCA x 1
Audio in: RCA x 1 (White/Red)
USB connector: Type-A x 1 (PC-free and other)
USB connector: Type-B x 1 (USB Plug 'n Play)

Speaker
2 W (Mono)

Operating Temperature
41 ˚ to 95 ˚F (5 ˚ to 35 ˚C)

Power Supply Voltage
100 – 240 V AC ±10%, 50/60 Hz

Other (continued)

Power Consumption
283 W (Normal mode)
207 W (ECO mode)

Fan Noise
37 dB (Normal mode)
29 dB (ECO mode)

Security
Kensington®- style lock provision, security anchor bar

Dimensions (W x D x H)

Including feet: 11.6" x 9.0" x 3.1"
Excluding feet: 11.6" x 9.0" x 3.0"
Weight: 5.1 lb

Remote Control

Features
Source search selection, power, volume, e-zoom, A/V mute, freeze, menu, page up and down, help, auto, mouse functions

Operating Angle
Right/left: ± 30 degrees
Upper/lower: ± 15 degrees

Operating Distance
19 ft (5.8 m)

Support

The Epson Connection℠
Pre-sales support
U.S. and Canada 800-463-7766
Internet website www.epson.com

Service Programs
One-year projector limited warranty, Epson Road Service program, PrivateLine® dedicated toll-free support and 90-day lamp limited warranty

What's in The Box

VS230 projector, power cord, computer cable (VGA), projector remote control, batteries, user manual CD, projector software CD, Quick Setup Sheet, PrivateLine support card, and password protection sticker

Accessory Part Numbers

Universal projector ceiling mount	ELPMBPJF
Component to VGA video cable	ELPKC19
Soft shoulder case for projector and laptop	ELPKS61
Duet™ screen	ELPSC80
ES3000 screen	ELPSC26H
ES1000 screen	V12H00254Y
Epson DC-10s document camera	ELPDC10S
Kensington security lock	ELPSL01

1 Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions.

2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

3 Data source: ProjectorCentral.com Jan. 2013. Average of 1128 shipping models for which the manufacturers provided lumens and total power data, all resolutions and brightness levels. Energy efficiency was measured as wattage per lumen. It was measured for both 3LCD and 1-chip projectors in each of five brightness segments. 3LCD projectors averaged less required electricity per lumen in each of the five segments.

4 Leading 3LCD and 1-chip DLP business and education projectors selected according to NPD data as of July 2013. Independent U.S. research conducted by Radius Research (July 2013); results confirmed at a 99% confidence level.

5 ECO Mode is up to 6000 hours. Normal Mode is up to 5000 hours. Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.

6 See our website for convenient and reasonable recycling options at www.epson.com/recycle

7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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